



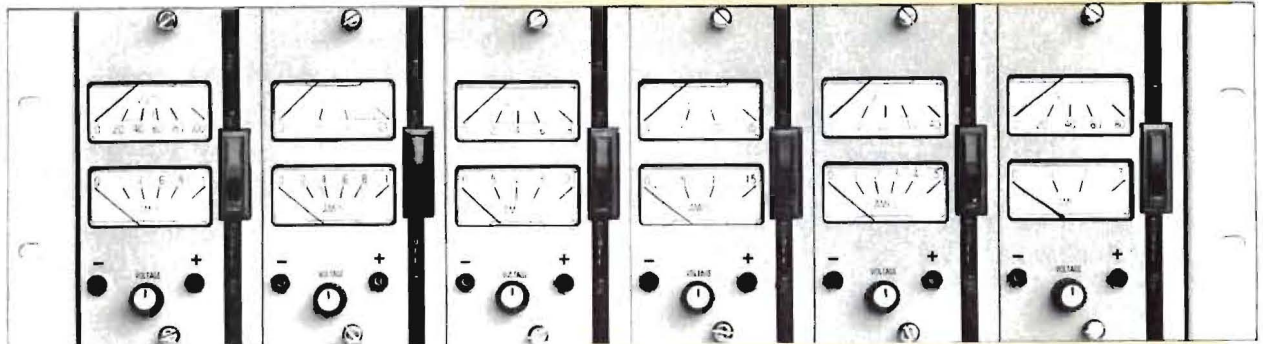
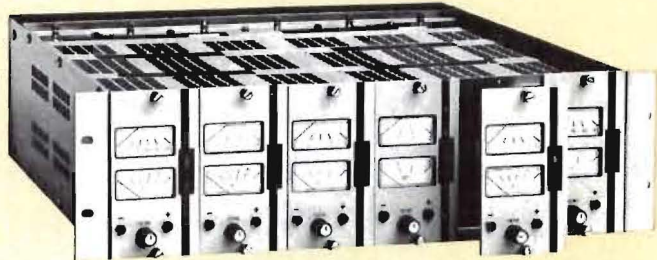
KEPCO

PBX-MAT

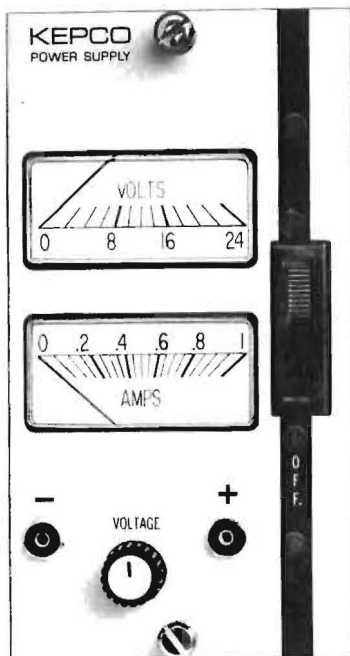
MODULAR

POWER SUPPLIES

NEW KEPCO PRODUCTS *for '67*



The MAT attachment to Kepco's PBX models provides **meters** (two, for voltage and current); **adjustment**, (a multiturn voltage control); and **terminals** (pin jacks).



| MODEL | DC OUTPUT RANGE | | MAX. INPUT AMPS at 125V AC | PRICE |
|----------------|-----------------|-------|----------------------------|----------|
| | VOLTS | AMPS | | |
| PBX 7-2MAT | 0-7 | 0-2 | 0.50 | \$160.00 |
| PBX 15-1.5MAT | 0-15 | 0-1.5 | 0.65 | 160.00 |
| PBX 21-1MAT | 0-21 | 0-1 | 0.45 | 160.00 |
| PBX 40-0.5MAT | 0-40 | 0-0.5 | 0.40 | 160.00 |
| PBX 72-0.3MAT | 0-72 | 0-0.3 | 0.45 | 160.00 |
| PBX 100-0.2MAT | 0-100 | 0-0.2 | 0.45 | 160.00 |

SPECIFICATIONS: Same as for regular PBX Models; see Kepco Catalog B-663.

CASES: CA-3-Single slot housing w/plug board . . . \$18.00
 CA-4-Double slot housing w/plug board . . . 24.00
 CA-5-Triple slot housing w/plug board . . . 30.00

RACK CABINET:

RA 22-6-Six slot housing w/o plug board* \$30.00
 RFP 22-1-Single filler panel for RA 22-6 5.00
 RFP 22-2-Double filler panel for RA 22-6 5.00
 RFP 22-3-Triple filler panel for RA 22-6 5.00
 BPA-22-Blank panel assy. w/slide plate 10.00
 PC-2-Plug-in adapter 8.00

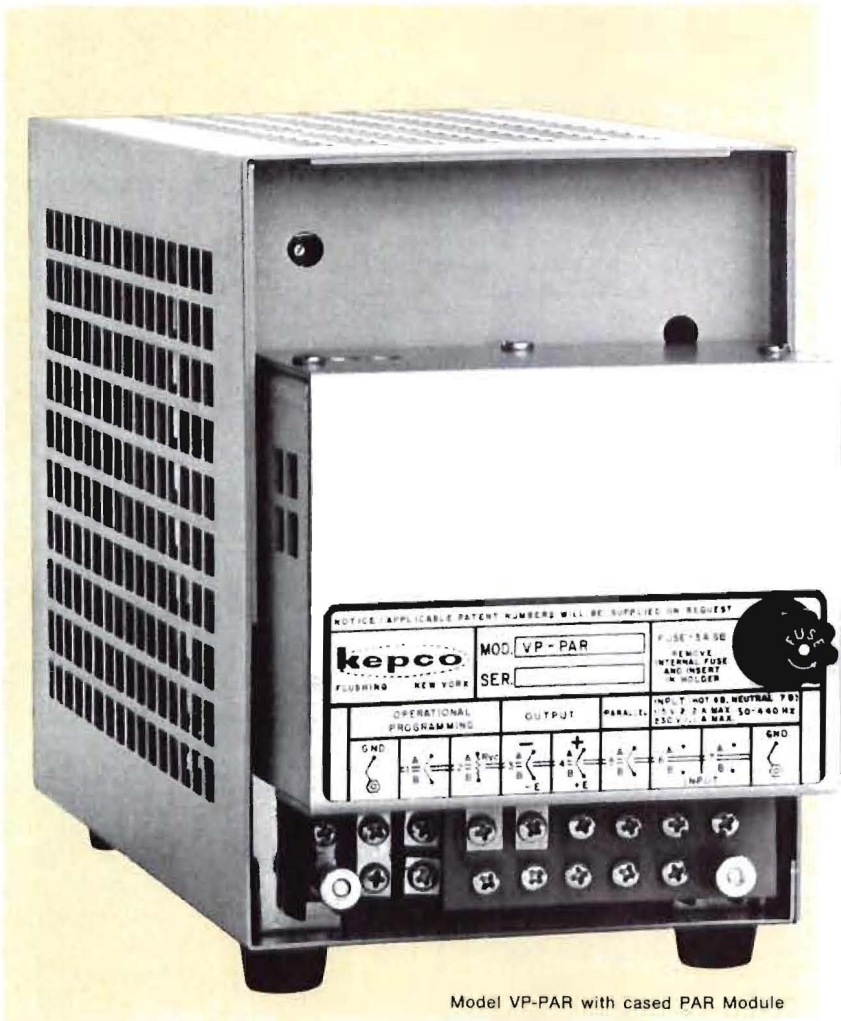
*For plug-in convenience in the RA-22-6, use (1) PC-2 per slot).

Data subject to change without notice
 PATENT NOTICE: Applicable Patent Nos will be supplied on request.

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Model VP-PAR with cased PAR Module



KEPCO

OVERVOLTAGE PROTECTORS

Independently powered overvoltage crowbar prevents the output voltage from exceeding a preset voltage under any failure condition. The crowbar shorts the output through a Silicon Controlled Rectifier (SCR).

| MODELS | USE WITH | PRICE** |
|---------|-----------------------------------|---------|
| VP-PAR | ALL KEPKO PAR MODELS, 3-80V DC | \$65.00 |
| VP-PWR | ALL KEPKO PWR MODELS, 3-80 V DC | 65.00 |
| VP-PX-1 | KEPCO PAX & PBX MODELS, 3-80V DC | 65.00 |
| VP-PX-2 | KEPCO PAX & PBX MODELS, 3-160V DC | 65.00 |

**Power supplies may be ordered with the overvoltage protector factory installed. Charges are \$25.00 each for 1 thru 11, \$10.00 each for 12 thru 23, and \$3.00 each for 24 or more.

SPECIFICATIONS:

OPERATING LEVEL:

The trigger point may be set to within 5% or 0.25V* of power supply setting.

TEMPERATURE COEFFICIENT:

0.1% or 0.1V* per °C.

*whichever is greater

REMOTE ERROR SENSING:

Compensates up to 1 volt per output lead.

TRIGGERING TIME, (adjustable delay):

| RANGE OF ADJUSTMENT | AMOUNT OF OVERVOLTAGE |
|------------------------|-----------------------|
| 10 to 30 microseconds | 20% or 1 volt |
| 20 to 60 microseconds | 10% or 0.5 volt |
| 40 to 120 microseconds | 5% or 0.25 volt |

All terms used in the specifications are defined in the Kepco Glossary. Refer to Kepco's Catalog or Handbook.



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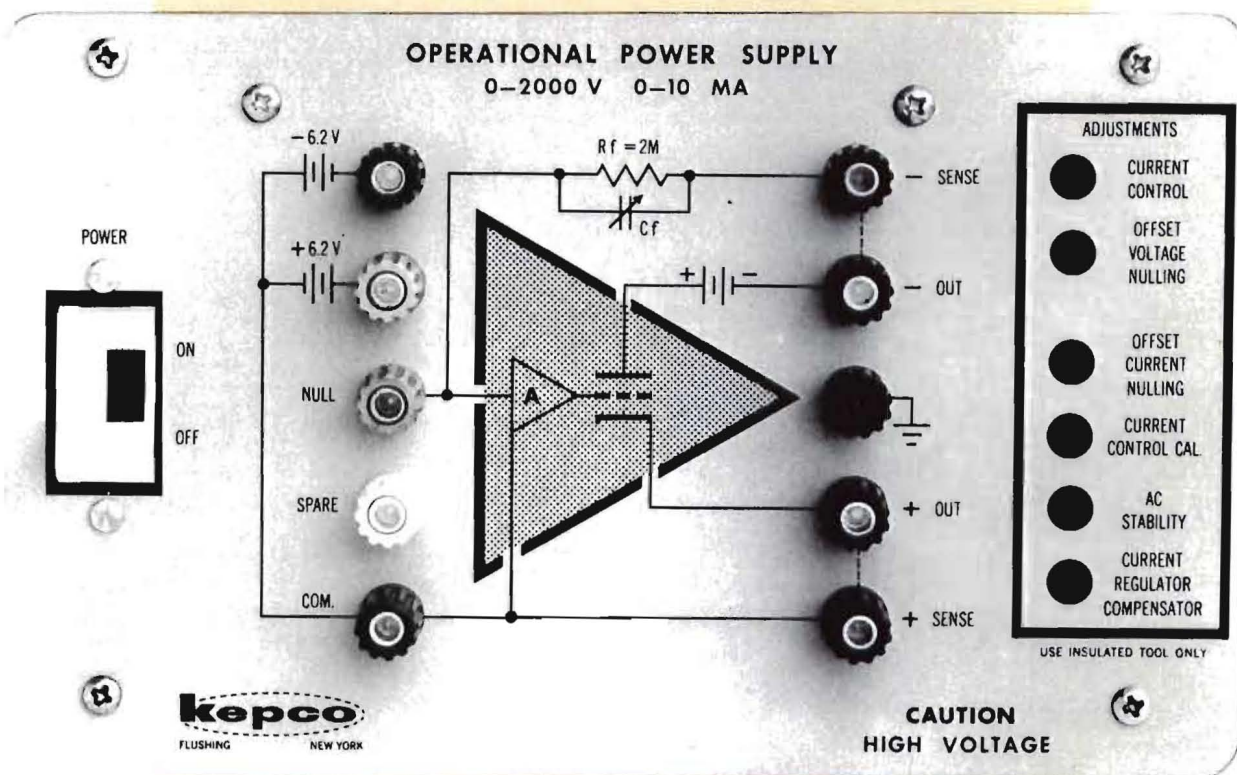
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KEPCO

HIGH VOLTAGE OPERATIONAL POWER SUPPLIES



MODEL OPS 2000 - 0-2000V / 0-10mA

| SPECIFICATION | OFFSET VOLTAGE (ΔE_{io})* | OFFSET CURRENT (ΔI_{io})* |
|-----------------------------|-------------------------------------|-------------------------------------|
| LINE: (105-125V AC) | < 100 microvolts | < 10 nanoamperes |
| LOAD: No load/full load | < 1 millivolt | < 10 nanoamperes |
| TIME: (8 hr.) (Stability) | < 10 microvolts | < 50 nanoamperes |
| TEMP.: Per °C (Coefficient) | < 50 microvolts | < 50 nanoamperes |

* E_{io} is the offset voltage, I_{io} is the offset current referred to the input of the voltage comparison amplifier.

OUTPUT: 0-2000V DC, 0-10 milliamperes

SLEWING RATE: 500,000 volts per second.

DC VOLTAGE GAIN: 80 db.

RIPPLE: 80 db below peak output or 3 millivolts.*

TRANSIENT RESPONSE:

Voltage Mode (for step load current): Recovery is an exponential with 50 microsecond time constant.

Current Mode (for step load voltage): Recovery is at the rate of 0.5 volts per microsecond.

DIMENSIONS: OPS-2000 shares most of the specifications of the Kepco OPS Group, except size, which is 5¼"H x 8½"W x 13¼"D (behind panel).

FINISH: Panel: Per FED. STD 595. Color 26440, light gray.

Case: Gray hammertone. Rack adapters available.

PRICE: \$350.00

*whichever is greater

All terms used in the specifications are defined in the Kepco Glossary. Refer to Kepco's Catalog or Handbook.

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(212) 461-7000 • TWX #710-582-2631
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General Offices and Plant: KEPCO, INC. • 131-38 SANFORD AVENUE • FLUSHING, N.Y. 11352
 (212) 461-7000 • TWX #710-582-2631 • Cable: KEPCOPOWER NEWYORK

SALES REPRESENTATIVES



- 1 ALABAMA (Huntsville)**
LEE ASSOCIATES, INC.
P. O. Box 1506, Huntsville, Ala. 35807
(205) 539-0761
- 2 ARIZONA (Phoenix)**
V. T. RUPP COMPANY
3707 West Ruth, Phoenix, Arizona 85021
(602) 939-8895
In San Diego Call: (714) 298-9835
- 3 CALIFORNIA**
V. T. RUPP COMPANY
Los Altos
1182 Los Altos Avenue, Los Altos, Cal. 94022
(415) 948-1483
Los Angeles
307 Parkman Avenue, Los Angeles, Cal. 90026
(213) 387-8224 — TWX: 213-380-8840
- 5 KEPCO, INC.**
131-38 Sanford Ave., Flushing, N.Y. 11352
(212) 461-7000 — TWX: 710-582-2631
- 6 CONNECTICUT**
RAY PERRON & CO., INC.
Farmington
10 Briarwood Road, Farmington, Conn. 06032
(203) 673-4825
Trumbull
36 Louis Street, Trumbull, Conn. 06611
(203) 268-9631
- 7 FLORIDA (Orlando)**
LEE ASSOCIATES, INC.
200 East Marks St., Orlando, Fla. 32803
(305) 241-4445 — TWX: 810-850-0105
- 8 ILLINOIS (Chicago)**
MIDWEST ELECTRONIC SALES
5707 W. Division St., Chicago, Illinois 60651
(312) 626-0030 — TWX: 910-221-5247
- 9 INDIANA (Indianapolis)**
MIDWEST ELECTRONIC SALES
5462 East 40th St., Indianapolis, Ind. 46226
(317) 547-3259
- 10 IOWA (Cedar Rapids)**
MIDWEST ELECTRONIC SALES
2042 Franklin Ave., N.E., Cedar Rapids, Iowa 52402
(319) 362-4410
- 11 KANSAS (Kansas City)**
NORMAN W. KATHRINUS & COMPANY
2336 So. Boeke St., Kansas City, Kan. 66103
(913) 236-4108
- 12 MARYLAND (Rockville)**
LEE ASSOCIATES, INC.
12250 Wilkins Avenue, Rockville, Md. 20852
(301) 949-4800 — TWX: 710-828-9690
- 13 MASSACHUSETTS (Boston)**
RAY PERRON & CO., INC.
1870 Centre Street, Boston, Mass. 02132
(617) 323-1008 — TWX: 710-394-1318
- 14 MICHIGAN (Royal Oak)**
THE SATULLO COMPANY
4514 No. Woodward Ave., Royal Oak, Mich. 48072
(313) 549-3910
- 15 MINNESOTA (Minneapolis)**
E. C. ELECTRONIC SALES
10108 Abbott Ave., So., Minneapolis, Minn. 55431
(612) 888-4626 — TWX: 910-576-3478
- 16 MISSOURI (St. Louis)**
NORMAN W. KATHRINUS & COMPANY
2427 Brentwood Blvd., St. Louis, Mo. 63144
(314) 962-5627
- 17 NEW HAMPSHIRE (Manchester)**
RAY PERRON & CO., INC.
19 Caron Road, RFD #2
Manchester, New Hampshire 03102
(603) 472-3030 — TWX: 710-364-1112

- 18 NEW JERSEY (Nutley)**
EASTERN INSTRUMENTATION, INC.
518 Franklin Avenue, Nutley, N. J. 07110
(201) 661-2000
- 19 NEW MEXICO (Albuquerque)**
CHARLIE SCHMIDT SALES
9611 Acoma Road S. E., Albuquerque, N.M. 87112
(505) 298-2415
- 20 NEW YORK (Metropolitan Area)**
EASTERN INSTRUMENTATION, INC.
350 Northern Blvd., Great Neck, N. Y. 11021
(516) 466-9505
- 21 NEW YORK (Upstate)**
NACO ELECTRONICS CORP.
Buffalo
1360 Niagara Falls Blvd., Tonawanda, N. Y. 14151
(716) 836-5108
Liverpool
119 Luther Avenue, Liverpool, N.Y. 13088
(315) 474-7481 — TWX: 710-541-0439
Poughkeepsie
14 Lori Street, Poughkeepsie, N.Y. 12603
(914) 462-2730
Rochester
74 Park Avenue, Rochester, N.Y. 14450
(716) 244-4720
Utica
2631 Edgewood Road, Utica, N.Y. 13501
(315) 732-1801
- 22 NORTH CAROLINA (Winston-Salem)**
LEE ASSOCIATES, INC.
P. O. Box 906, Winston-Salem, N.C. 27101
(919) 724-2406
- 23 OHIO**
THE SATULLO COMPANY
Cleveland
16801 Euclid Avenue, Cleveland, O. 44112
(216) 186-2800
In Pittsburgh Call: (412) 931-5200
- 24 Dayton**
Far Oaks Building
2801 Far Hills Ave., Dayton, Ohio 45419
(513) 293-7061
- 25 PENNSYLVANIA (Philadelphia)**
EASTERN INSTRUMENTATION, INC.
613 Cheltenham Ave., Philadelphia, Pa. 19126
(215) 927-6269
- 26 TEXAS**
AIREP ELECTRONICS, INC.
Dallas
6300 No. Central Expressway
Dallas, Texas 75206
(214) 363-5291
For Tulsa, Oklahoma City Call: EN 1795
- 27 Houston**
P. O. Box 36211, Houston, Texas 77036
(716) 774-2260

- 28 San Antonio**
6936 San Pedro, Suite 201, San Antonio, Texas 78216
(512) 828-1488
- 29 WASHINGTON (Seattle)**
HARRY LEVINSON COMPANY
1211 East Denny Way, Seattle, Wash. 98122
(206) 323-5100 — TWX: 910-444-2154
- 30 WISCONSIN (Waukesha)**
MIDWEST ELECTRONICS SALES
1317 Garfield Ave., Waukesha, Wisc. 53186
(414) 542-5129

IN CANADA

- ATLAS INSTRUMENT CORPORATION
 Division of Atlas Electronics Limited
- 31 ALBERTA (Edmonton)**
10204 88th St., Edmonton, Alberta
(403) 424-9065
 - 32 QUEBEC (Montreal)**
3333 Cavendish Blvd., Montreal, Quebec
(514) 489-8495 — Telex 01-2141
 - 33 ONTARIO (Ottawa)**
342½ Elgin Street, Ottawa, Ontario
(613) 233-9471
 - 34 ONTARIO (Toronto)**
50 Wingold Avenue, Toronto 19, Canada
(416) 781-6174 — Telex 02-2319

OVERSEAS OFFICES

ARGENTINA

ADA, S.R.L.
 Montevideo 48, Buenos Aires, Argentina
 Tel.: 49-0552/49-3813 — Cable: ADASA BAIRIS

AUSTRALIA

AURIEMA (AUSTRALASIA) PTY., LTD.
 443 Kent Street, Sydney N.S.W., Australia
 Tel.: 29-1275/29-1276 — Cable: AURIEMASYD

BELGIUM, LUXEMBOURG, & THE NETHERLANDS

AD. AURIEMA — EUROPE, S.A.
 172a Rue Brogniez, Brussels 7, Belgium
 Tel.: 22-28-35 — Telex: 846-221646
 Cable: ADAURI BRUSSELS

FRANCE

AD. AURIEMA — FRANCE, S.A.R.L.
 35, Rue Pergolèse, Paris 16^e, France
 Tel.: 704-73-60/553-17-59 — Telex: 842-62126
 Cable: ADAURIE PARIS

GERMANY, AUSTRIA & SWITZERLAND

AD. AURIEMA, GmbH
 Undestrasse 33, 7100 Heilbronn-Sonthheim, W. Germany
 Tel.: (07131) 8 23 24 — Telex: 841-728639
 Cable: AURIEMA HEILBRONN

GREAT BRITAIN

AD. AURIEMA, LTD.
 125 Gunnersbury Lane, London W3, England
 Tel.: ACorn 8765 — Telex: 851-25864
 Cable: AURIEMA LONDON, W3

ITALY

AURIEMA-ITALIA, S.R.L.
 Via Cagnola 3, Milano, Italy
 Tel.: 384 634/384 593 — Telex: (Ferco) 843 32430
 Cable: AURIEMA — MILANO

JAPAN

MIDORIYA ELECTRIC CO., LTD.
 3-2 Chome Kyobashi, Chuo-Ku, Tokyo, Japan
 Tel.: 561-9256, Telex: 781-TK-4531

FOR OTHER FOREIGN COUNTRIES CONTACT:

AD. AURIEMA, INC.
 85 Broad Street, New York, N.Y. 10004, U.S.A.
 Tel.: (212) 269-7750 — Telex: RCA N.Y. 222791
 TWX: 710-581-3864 — Cable: AURIEMA NEWYORK